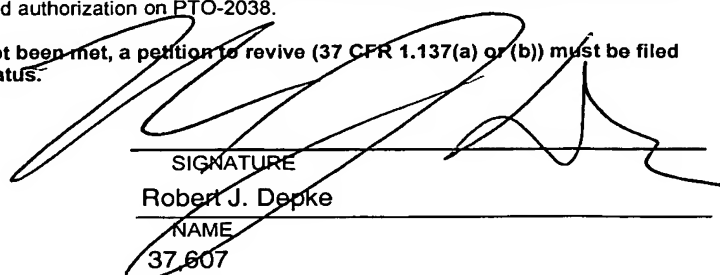
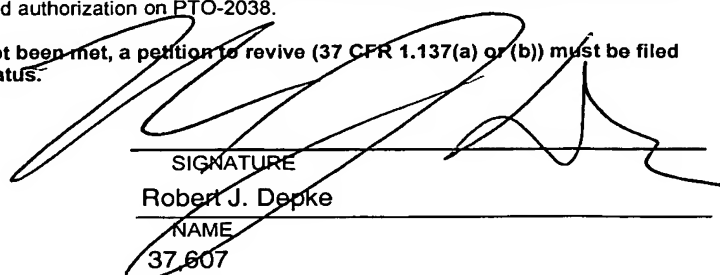
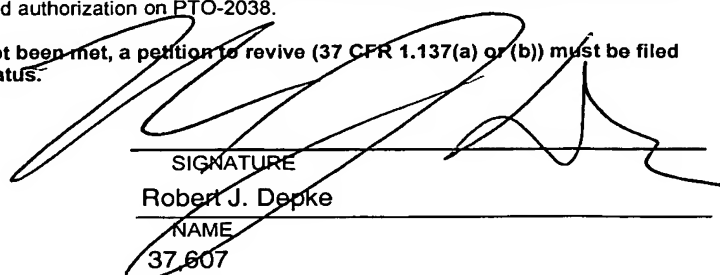


Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371		ATTORNEY'S DOCKET NUMBER 075834.00445 U.S. APPLICATION NO. (If known, see 37 CFR 1.5) 10/535224
INTERNATIONAL APPLICATION NO. PCT/JP03/014455	INTERNATIONAL FILING DATE November 13, 2003	PRIORITY DATE CLAIMED November 22, 2002
TITLE OF INVENTION ELECTROCHEMICAL DISPLAY AND DRIVE METHOD		
APPLICANT(S) FOR DO/EO/US Masanobu Tanaka		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a submission under 35 U.S.C. 371. 2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371. 3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. 4. <input checked="" type="checkbox"/> The US has been elected (Article 31). 5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). b. <input checked="" type="checkbox"/> has been communicated by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). 6. <input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). a. <input checked="" type="checkbox"/> is attached hereto. b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). 7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> have been communicated by the International Bureau. c. <input checked="" type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input type="checkbox"/> have not been made and will not be made. 8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). 9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). 10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). Items 11 to 20 below concern document(s) or information included: 11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 13. <input checked="" type="checkbox"/> A preliminary amendment. 14. <input type="checkbox"/> An Application Data Sheet under 37 CFR 1.76. 15. <input type="checkbox"/> A substitute specification. 16. <input type="checkbox"/> A power of attorney and/or change of address letter. 17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821- 1.825. 18. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4). 19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4). 20. <input checked="" type="checkbox"/> Other items or information: Letter Under 37 C.F.R. §1.41(c)		

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

U.S. APPLICATION NO. (if known, see 37 CFR 1.55) 10/535224		INTERNATIONAL APPLICATION NO. PCT/JP03/014455		ATTORNEY'S DOCKET NUMBER 075834.00445									
The following fees have been submitted 21. <input checked="" type="checkbox"/> Basic national fee..... \$300				<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th style="width:50%;">CALCULATIONS</th> <th style="width:50%;">PTO USE ONLY</th> </tr> <tr> <td style="text-align: right;">\$ 300.00</td> <td></td> </tr> </table>		CALCULATIONS	PTO USE ONLY	\$ 300.00					
CALCULATIONS	PTO USE ONLY												
\$ 300.00													
22. <input checked="" type="checkbox"/> Examination fee If International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4)..... \$100 All other situations..... \$200				<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="text-align: right;">\$ 200.00</td> <td></td> </tr> </table>		\$ 200.00							
\$ 200.00													
23. <input checked="" type="checkbox"/> Search fee Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority..... \$100 International Search Report prepared and provided to the Office..... \$400 All other situations..... \$500				<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="text-align: right;">\$ 400.00</td> <td></td> </tr> </table>		\$ 400.00							
\$ 400.00													
TOTAL OF 21, 22 and 23 =				<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="text-align: right;">\$ 900.00</td> <td></td> </tr> </table>		\$ 900.00							
\$ 900.00													
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.				<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:33%; text-align: center;">Total Sheets</td> <td style="width:33%; text-align: center;">Extra Sheets</td> <td style="width:33%; text-align: center;">Number of each additional 50 or fraction thereof (round up to a whole number)</td> <td style="width:33%; text-align: center;">RATE</td> </tr> <tr> <td style="text-align: center;">- 100 =</td> <td style="text-align: center;">/50 =</td> <td></td> <td style="text-align: center;">x \$250</td> </tr> </table>		Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE	- 100 =	/50 =		x \$250
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE										
- 100 =	/50 =		x \$250										
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).				<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="text-align: right;">\$</td> <td></td> </tr> </table>		\$							
\$													
CLAIMS		NUMBER FILED		NUMBER EXTRA									
Total claims		28 - 20 =		8									
Independent claims		8 - 3 =		5									
MULTIPLE DEPENDENT CLAIM(S) (if applicable)		+ \$360		\$ 0.00									
TOTAL OF ABOVE CALCULATIONS =				\$ 2,300.00									
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2.				\$ 0.00									
SUBTOTAL =				\$ 2,300.00									
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).				\$ 0.00									
TOTAL NATIONAL FEE =				\$ 2,300.00									
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property				\$ 0.00									
TOTAL FEES ENCLOSED =				\$ 2,300.00									
a. <input checked="" type="checkbox"/> A check in the amount of \$ <u>2,300.00</u> to cover the above fees is enclosed.				<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:80%;">Amount to be refunded:</td> <td style="width:20%;">\$</td> </tr> <tr> <td>Amount to be charged:</td> <td>\$</td> </tr> </table>		Amount to be refunded:	\$	Amount to be charged:	\$				
Amount to be refunded:	\$												
Amount to be charged:	\$												
b. <input type="checkbox"/> Please charge my Deposit Account No. <u>20-1495</u> in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed.													
c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>20-1495</u> . A duplicate copy of this sheet is enclosed.													
d. <input type="checkbox"/> Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.													
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.													
SEND ALL CORRESPONDENCE TO:													
Cust. No. 33448													
<table style="width:100%;"> <tr> <td style="width:50%; text-align: center;">  SIGNATURE Robert J. Depke </td> <td style="width:50%; text-align: center;"> NAME <u>37.607</u> REGISTRATION NUMBER </td> </tr> </table>						 SIGNATURE Robert J. Depke	NAME <u>37.607</u> REGISTRATION NUMBER						
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PAIGE A. KITZINGER

LEWIS T. STEADMAN, SR.
OF COUNSEL

10/535224

FOUNDED 1890

PATENT, TRADEMARK, COPYRIGHT
AND RELATED MATTERS; ALL PHASES
INCLUDING LICENSING AND LITIGATION

FAX: (312) 704-8137
www.trexlaw.com

May 17, 2005

ROBERT J. DEPKE
312-704-1890
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rdepke@trexlaw.com

VIA EXPRESS MAIL NO. EV326286136US

Mail Stop PCT
Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

Re: Masanobu Tanaka application for United States Patent
Application under the Patent Cooperation Treaty entitled:
ELECTROCHEMICAL DISPLAY AND DRIVE METHOD
Our Case No. 075834.00445

Dear Sir:

Under the provisions of 37 CFR §1.41(c) I hereby file the attached application including 28 claims and 13 sheets of drawings on behalf of Masanobu Tanaka, and request that this application be assigned a serial number and filing date pursuant to the provisions of 37 CFR §1.53(b) and (d).

Very truly yours,

**TREXLER, BUSHNELL, GIANGIORGI
BLACKSTONE & MARR, LTD.**

Robert J. Depke

RJD/mrs
Encl.

JC18 Rec'd PCT/PTO 10/535224
17 MAY 2005
TREXLER, BUSHNELL, GIANGIORGI, BLACKSTONE & MARR, LTD

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OF COUNSEL

"Express Mail" Mailing Label Number EV326286136US

Date of Deposit: 5/17/05

I hereby certify that this correspondence is being deposited with the United States Postal
"Express Mail Post Office to Addressee" service under 37 CFR §1.10 on the date indicated
above and is addressed to: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450,
Alexandria, VA 22313-1450.

Patent Application entitled: ELECTROCHEMICAL DISPLAY AND DRIVE METHOD

Inventor(s): Masanobu Tanaka

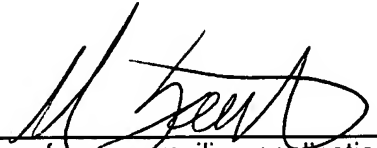
Our Case No. 075834.00445

Transmittal Letter to the United States Designated/Elected Office
Concerning a Filing Under 35 U.S.C. 371 (PTO-1390), Preliminary
Amendment, English Translation of International Application as filed
(65 pages), formal drawings (13 pages – Figs. 1-13), Letter Under
37 C.F.R. §1.41(c), Oath and Declaration (2 pages), Information
Disclosure Statement, PTO/SB/08A, International Search Report
and cited references.

Government filing fee

\$ 2,300 —

Post Card


Signature of person mailing application and fee